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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	25088186	(calcineurin-like protein phosphatase "1") OR (CLPP1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/15 14:03
L2	25039881	(calcineurin-like adj protein adj phosphatase "1") OR (CLPP1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/15 14:04
L3	807110	2 AND human	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/15 14:07
L4	2467683	3 and varaints or fragment\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/15 14:11
L5	2466485	4 NOT (ford\$.in.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/15 14:12

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9 FILES SEARCHED...  
L1 144 CALCINEURIN-LIKE PROTEIN PHOSPHATASE 1 OR CLPP1

=> s l1 and human  
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CAPLUS, LIFESCI, BIOTECHDS, EMBASE, BIOENG, SCISEARCH' ENTERED AT  
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L1 144 S CALCINEURIN-LIKE PROTEIN PHOSPHATASE 1 OR CLPP1  
L2 3 S L1 AND HUMAN  
L3 2 DUP REM L2 (1 DUPLICATE REMOVED)

=> d l3 ibib abs total

L3 ANSWER 1 OF 2 MEDLINE on STN  
ACCESSION NUMBER: 94068503 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 8248183  
TITLE: The Escherichia coli hflA locus encodes a putative  
GTP-binding protein and two membrane proteins, one of which  
contains a protease-like domain.  
AUTHOR: Noble J A; Innis M A; Koonin E V; Rudd K E; Banuett F;  
Herskowitz I  
CORPORATE SOURCE: Cetus Corporation, Emeryville, CA 94608.

SOURCE: Proceedings of the National Academy of Sciences of the United States of America, (1993 Nov 15) 90 (22) 10866-70.  
Journal code: 7505876. ISSN: 0027-8424.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

OTHER SOURCE: GENBANK-D00743; GENBANK-D10715; GENBANK-J04199;  
GENBANK-J05534; GENBANK-L00671; GENBANK-M17445;  
GENBANK-M24537; GENBANK-M63655; GENBANK-S55301;  
GENBANK-U00005; GENBANK-X04465; GENBANK-X15018;  
GENBANK-X15801; GENBANK-X54484; GENBANK-X55899;  
GENBANK-X60067; GENBANK-X61941; GENBANK-Z00044;  
GENBANK-Z11831

ENTRY MONTH: 199312

ENTRY DATE: Entered STN: 19940201  
Last Updated on STN: 20000303  
Entered Medline: 19931229

AB The hflA (high frequency of lysogenization) locus of Escherichia coli governs the lysis-lysogeny decision of bacteriophage lambda by controlling stability of the phage cII protein. hflA contains three genes, hflX, hflK, and hflC, encoding polypeptides of 50, 46, and 37 kDa, respectively. We have determined the nucleotide sequence of 3843 base pairs containing hflA and have found three large open reading frames corresponding to hflX, hflK, and hflC. HflX contains the three sequence motifs typical of GTP-binding proteins and appears to be a member of a distinct family of putative GTPases. HflC and HflK appear to be integral membrane proteins which show some similarity to each other and to a **human** membrane protein. The C-terminal region of HflC contains a domain resembling the catalytic domain of ClpP, a bacterial ATP-dependent protease. We hypothesize that HflK and HflC constitute a distinct membrane-bound protease whose activity may be modulated by HflX GTPase.

L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 1

ACCESSION NUMBER: 2004:371089 CAPLUS

DOCUMENT NUMBER: 140:370813

TITLE: Protein and cDNA sequences of a novel **human** calcineurin-like phosphoesterase **CLPP1** and therapeutic use

INVENTOR(S): Liu, Wei; Wu, Leeyang; Ford, Roger; Be, Xiaobing

PATENT ASSIGNEE(S): Wyeth, John, and Brother Ltd., USA

SOURCE: PCT Int. Appl., 114 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004038026	A2	20040506	WO 2003-US33703	20031024
WO 2004038026	A3	20040729		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2503491	AA	20040506	CA 2003-2503491	20031024
US 2004091926	A1	20040513	US 2003-691529	20031024
EP 1554385	A2	20050720	EP 2003-779208	20031024
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
PRIORITY APPLN. INFO.:			US 2002-420757P	P 20021024
			WO 2003-US33703	W 20031024

AB This invention provides compns., organisms and methodologies employing a

novel **human** gene encoding a protein that has sequence homol. to a consensus sequence of calcineurin-like phosphoesterase family. The novel protein is encoded by a **human** gene comprising 4 exons. The **human** gene is localized in the 10p15 locus of **human** chromosome 10. The sequence similarities between the novel **human** protein and the consensus sequence of calcineurin-like phosphoesterases indicate that the novel **human** protein may function as a calcineurin-like protein phosphatase.

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- ☐ 1. [CALCINEURIN-LIKE HUMAN PHOSPHOESTERASE](#)  
**LIU, Wei / WU, Leeyang / FORD, Roger / BE, Xiaobing / WYETH, PATENT**  
*COOPERATION TREATY APPLICATION*, May 2004  
 ...localized in locus 10p15 of **human** chromosome 10. This new...hereinafter referred to as **human** calcineurin-like protein phosphatase 1 (**CLPP1**) gene, and its encoded...unique peptide sequence of **CLPP1**, and nucleic acid sequences...for the development of **human** therapeutic targets, aid...  
**Full text available at patent office. For more in-depth searching go to**  LexisNexis-  
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- ☐ 2. [ID CLPP1\\_BIFLO STANDARD; PRT; 233 AA. AC Q8G5R0; DT 13-SEP-2005 \(Rel. 48, Created\) DT 13-SEP-2005 \(Rel. 48, Last sequence ... \[ASCII-4K\]](#)  
 Jan 2006  
 <html><body><pre> ID **CLPP1**\_BIFLO STANDARD; PRT; 233 AA...DE (Endopeptidase Clp 1). GN Name=**clpP1**; OrderedLocusNames=BL0944; OS Bifidobacterium...longum reflects its adaptation RT to the **human** gastrointestinal tract."; RL Proc. Natl...  
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- ☐ 3. [ID CLPP1\\_BIFLO STANDARD; PRT; 233 AA. AC Q8G5R0; DT 13-SEP-2005 \(Rel. 48, Created\) DT 13-SEP-2005 \(Rel. 48, Last sequence ... \[ASCII-4K\]](#)  
 Dec 2005  
 <html><body><pre> ID **CLPP1**\_BIFLO STANDARD; PRT; 233 AA...DE (Endopeptidase Clp 1). GN Name=**clpP1**; OrderedLocusNames=BL0944; OS Bifidobacterium...longum reflects its adaptation RT to the **human** gastrointestinal tract."; RL Proc. Natl...  
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- ☐ 4. [ID CLPP1\\_TROWT STANDARD; PRT; 207 AA. AC Q83G49; DT 13-SEP-2005 \(Rel. 48, Created\) DT 13-SEP-2005 \(Rel. 48, Last sequence ... \[ASCII-3K\]](#)  
 Dec 2005  
 <html><body><pre> ID **CLPP1**\_TROWT STANDARD; PRT; 207 AA...DE (Endopeptidase Clp 1). GN Name=**clpP1**; OrderedLocusNames=TWT480; OS Tropheryma...M.; RT "Tropheryma whipplei Twist: a **human** pathogenic Actinobacteria with a RT...  
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- ☐ **5. 163D A THREE-DIMENSIONAL MODEL OF THE REV BINDING ELEMENT OF HIV-1 DERIVED FROM ANALYSES OF IN VITRO SELECTED VARIANTS 1A20 ...** [ASCII-80K]  
Nov 2005  
...HEPARIN BINDING SITE THEORETICAL MODEL 1A8X**HUMAN** MAC-1 BETA-PROPELLER, THEORETICAL MODEL...1AKFHOMOLOGOUS-EXTENSION-BASED MODEL OF **HUMAN** ESTROGEN RECEPTOR WITH BOUND ESTRADIOL...MODELING STUDY OF THE ALPHA-SUBUNIT OF THE **HUMAN** HIGH-AFFINITY RECEPTOR FOR IMMUNOGLOBULIN-E...  
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- ☐ **6. DNA, Recombinant, genetics** [170K]  
Dec 2005  
...hcAd/AAV) vector with two full-length **human** dystrophin-coding sequences flanked by...of mdx mice in vivo. Introduction into **human** cells of chimeric genomes, which contain...3146-62 [ Pubmed Scholar Save Drop Hide Show **Human** cytomegalovirus labeled with green fluorescent...  
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- ☐ **7. Characterisation of the Clp Proteins in Arabidopsis thaliana**  
**Zheng, Bo**, Jan 2003  
...of chloroplasts, along with the previously identified ClpD, **ClpP1** and ClpP6 proteins. Potential differential regulation among...of chloroplasts, along with the previously identified ClpD, **ClpP1** and ClpP6 proteins. Potential differential 4 regulation among...  
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- ☐ **8. Nature** [37K]  
Jan 2005  
...Hematology Journal European Journal of **Human** Genetics J of **Human** Hypertension International Journal...Abstract Full Text The plastid **clpP1** protease gene is essential for...Structure of the catalytic domain of **human** phosphodiesterase 5 with bound...  
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- ☐ **9. Functional analysis of peptidases from the cyanobacterium Synechocystis sp. PCC 6803**  
**Pojidaeva, Elena**, Sep 2004  
Functional analysis of peptidases from the cyanobacterium Synechocystis sp. PCC 6803  
Dissertation zur Erlangung des Doktorgrades der Fakultät für Biologie der Ludwig-Maximilians-Universität München vorgelegt von Elena Pojidaeva aus Moskau, Russland München 30.Juni 2004 1. Gutachter: Prof. Dr.  
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- ☐ **10. thsujets** [211K]  
Aug 2004  
Les cryptochromes végétaux et animaux sont des photorécepteurs de la lumière bleue impliqués dans de nombreux phénomènes physiologiques essentiels tels que la régulation génique ou la régulation des rythmes circadiens.  
[http://www.snv.jussieu.fr/ldv/thsujets.htm]  
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- ☐ **11. Swiss Institute of Bioinformatics (SIB); Geneva, Switzerland European Bioinformatics Institute (EBI); Hinxton, United Kingdom** [ASCII-113K]  
Apr 2005  
...mottle virus proteinase - U31 **Human** coronavirus protease - U32  
Porphyromonas...P42210), AXP1\_YARLI (Q92389), BACE1\_**HUMAN** (P56817), BACE1\_MOUSE (P56818), BACE1\_RAT (P56819), BACE2\_**HUMAN** (Q9Y5Z0), BAR1\_YEAST (P12630), CARP1\_CANAL...

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- ☐ **12. 11ième Rencontres doctorales:Microbiologie** [173K]  
 Nov 2005  
 ...Gram-positive pathogen responsible for **human** listeriosis. We adapted the...mutant has yet been obtained. So **clpP1** clpP2 and clpC1 are important...This operon is induced in a **clpP1** mutant strain, and the regulation...which might be responsible for **clpP1** regulation. The encoded protein...  
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- ☐ **14. METHYLATION PATTERN OF THE INTERGENIC SPACER OF rRNA GENES IN EXCISED COTYLEDONS OF CUCURBITA PEPO L** [Word-2MB]  
 Oct 2003  
 ...FOR BIOSENSOR PURPOSES M.T. G iardi , M. Iosa, D. Esposito, E. Pace, and M. Rizzuto 182 TRANSGENIC TOBACCO PLANTS EXPRESSING **HUMAN** GAD ARE AFFECTED IN PLANT GROWTH AND DEVELOPMENT L. Pistelli , L. Avesani, M. Pezzotti, and A. Alpi 183 ISSUES OF BIOETHICS...  
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- ☐ **15. Global Role for ClpP-Containing Proteases in Stationary-Phase Adaptation of Escherichia coli -- Weichart et al. 185 (1): 115 -- ...** [118K]  
**Dieter Weichart / Nadine Querfurth / Mathias Dreger / Regine Hengge-Aronis ,**  
 Oct 2004  
 ...used were E. coli MC4100 (wild type) ( 7 ), RH184 (MC4100 **clpP1** ::cat) ( 47 ), AM134 (MC4100 clpX1 ::kan) ( 21 ), and DT9...31 ). It is likely that ClpX can still be produced in the **clpP1**:: cat mutant strain, as it has been shown that clpX can be...  
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- ☐ **16. Annual report of Protein Folding and Modeling for year 2003** [17K]  
 Nov 2004  
 ...sheep scrapie, the Mad Cow Disease, or the **human** Creutzfeldt-Jakob disease. The prion is...of two genes coding for ClpP proteins (**ClpP1** and ClpP2). We have produced in E. coli...purified and started the characterization of **ClpP1** and ClpP2 of M. tuberculosis . Preliminary...  
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- ☐ **17. CCGB BLAST Report Display** [209K]  
 Jan 2005  
 ...AE006234 GI:12722415 ClpP ... 46 2e-04 SWP:CLPP\_CAEEL Q27539 PROBABLE CLPP-LIKE PROTEASE (EC 3.4.21.92)... 45 3e-04 SWP:CLPP\_**HUMAN** Q16740 PUTATIVE ATP-DEPENDENT CLP PROTEASE PROTEO... 45 3e-04 SWP:CLP2\_CHLPN Q9Z759 ATP-DEPENDENT CLP PROTEASE PROTEOLYTIC...  
[more hits from](#) [<http://web.ahc.umn.edu/cgi-bin/biodata2/blast2html?gra...>]  
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- ☐ **18. Microsoft Word - Lab Manual BM114-2004.doc** [PDF-118K]  
 Apr 2004



LAB Manual BM114 Prokaryotic Molecular Biology Dept. of Biochemistry and Molecular Biology University of Southern Denmark, Spring 2004 2 CONTENTS page Aim of the practical course.....2

Overview of the lab. course.

[<http://www.sdu.dk/Nat/bmb/kurser/bm114/pdf/labman.pdf>]

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- ☐ 19. Chloroplast and Mitochondrial Proteases in Arabidopsis. A Proposed Nomenclature -- Adam et al. 125 (4): 1912 -- PLANT ... [127K]

**Adam, Z / Zach Adam / Iwona Adamska / Kazumi Nakabayashi / Oren Ostersetzer**, Dec 2005

...Ser-type proteases comprising of Ser-His-Asp residues. One of them, **ClpP1**, is found in the C genome of all higher plants and most eukaryotic...where different names were given to the same protein. Thus, **ClpP1** was previously known as pClpP (Clarke, 1999 Nakabayashi et al...

[<http://www.plantphysiol.org/cgi/content/full/125/4/191...>]

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- ☐ 20. Unbekannt [PDF-89K]

Dec 2004

On the one hand, they are necessary for protein turnover. Degradation of damaged, misfolded and potentially harmful proteins provides free amino acids required for the synthesis of new proteins.

[<http://www.uni-hohenheim.de/www260/pdf/planta220.pdf>]

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calcineurin-like protein phosphatase 1

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Serine/threonine **protein phosphatases** - group of 6 »

S Wera, BA Hemmings - BIOCHEMICAL JOURNAL-LONDON-, 1995 - pubmedcentral.nih.gov  
 ... 1992 Aug 31;309(1):103-106 ... The **protein phosphatase** calcineurin is essential for NaCl  
 tolerance of ... Yoshida T, Toda T, Yanagida M. A calcineurin-like gene ppb1+ ...  
 Cited by 298 - Web Search - BL Direct

A **calcineurin-like** gene ppb1 in fission yeast: mutant defects in cytokinesis, cell polarity, mating ... - group of 3 »

T Yoshida, T Toda, M Yanagida - J. Cell Sci, 1994 - jcs.biologists.org  
 ... 1. Nucleotide and predicted amino acid sequences of ... a Ca<sup>2+</sup>-dependent type 2B **protein phosphatase** (PP2B) and ... one of the two calcineurin-like homologs present ...  
 Cited by 84 - Web Search - BL Direct

Gating of CaMKII by cAMP-Regulated **Protein Phosphatase** Activity During LTP - group of 4

»  
 RD Blitzer, JH Connor, GP Brown, T Wong, S ... - J. Clin. Microbiol, 1987 - sciencemag.org  
 ... I-1 inhibited 90% of **phosphatase** activity, confirming the ... SOS3 encodes a **protein**  
 that shares significant ... signaling through a calcineurin-like pathway mediates ...  
 Cited by 149 - Web Search - BL Direct

**Novel Protein Kinases** Associated with Calcineurin B-like Calcium Sensors in Arabidopsis - group of 8 »

J Shi, K Kyung-Nam, O Ritz, V Albrecht, R Gupta, K ... - PLANT CELL, 1999 - plantcell.org  
 ... Total **protein** extract (lane 1), proteins purified by GST affinity beads ... also may  
 have other target proteins, such as a calcineurin-like **protein phosphatase**. ...  
 Cited by 55 - Web Search - BL Direct

Genes for calcineurin B-like proteins in Arabidopsis are differentially regulated by stress signals - group of 9 »

J Kudla, Q Xu, K Harter, W Gruissem, S Luan - Plant Biology, 1999 - pnas.org  
 ... as a regulatory subunit of **calcineurin-like protein phosphatase**, confirmation of ...  
 of their endogenous **protein** targets in ... Forschungsgemeinschaft (Ku 931/1-3 and ...  
 Cited by 92 - Web Search

Identification of a novel calcium-binding **protein** that interacts with the integrin  $\alpha$ IIb ... - group of 4 »

UP Naik, PM Patel, LV Parise - J Biol Chem, 1997 - jbc.org  
 ... possible that calcineurin or a **calcineurin-like** regulatory molecule ... kinase that  
 interacts with the 1 and 3 ... therefore possible that a **protein phosphatase** may be ...  
 Cited by 106 - Web Search - BL Direct

... , a suppressor of calcineurin deficiency, encodes a novel MAP kinase **phosphatase** in fission yeast - group of 5 »

R Sugiura, T Toda, H Shuntoh, M Yanagida, T Kuno - EMBO J, 1998 - embojournal.npgjournals.com  
 ... pmp1 + encodes a **phosphatase**, most closely related to mitogen-activated **protein**  
 (MAP) kinase phosphatases of the CL100/MKP-1 family. ...  
 Cited by 39 - Web Search - BL Direct

Activation of calcineurin by limited proteolysis - group of 5 »

AS MANALAN, CB KLEE - Biochemistry, 1983 - pnas.org

... modulin-regulated phosphoprotein **phosphatase** activity has ... **protein phosphatases**, the "protein phosphatases ... calcineurin (8). A **calcineurin-like protein** is also ...Cited by 42 - [Web Search](#)... SOS2 **protein kinase** physically interacts with and is activated by the calcium-binding **protein SOS3** - group of 11 »

U Halfter, M Ishitani, JK Zhu - PNAS, 2000 - pnas.org

... table: [in this window] [in a new window], Table 1. Positions of N ... plant salt tolerance may be mediated not by a **calcineurin-like protein phosphatase** but, rather ...Cited by 122 - [Web Search](#) - [BL Direct](#)**Protein phosphatase 2C (PP2C) function in higher plants - group of 3 »**

PL Rodriguez - Plant Molecular Biology, 1998 - Springer

... are homologues of the mammalian type 1, 2A and 2C **protein serine/threonine** ... ported in the literature, although a **calcineurin-like phosphatase** activity has ...Cited by 30 - [Web Search](#) - [BL Direct](#)

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